

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080822AL\  
 Data File : FE036936.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Aug 2022 19:41  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Aug 09 02:28:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 18 02:35:21 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.831 | 3089402    | 16.588 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.18%        |
| 12) S 1-chlorooctadecane (S... | 13.273 | 2432469    | 15.988 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.98%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.221  | 2772616    | 17.986 ug/ml  |
| 2) T n-Decane (C10)            | 4.476  | 2819916    | 18.294 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.178  | 3065106    | 17.937 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.644  | 2866511    | 18.251 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.273  | 3036207    | 17.666 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.471  | 2907228    | 17.808 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.078 | 2874828    | 17.442 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.518 | 2879513    | 16.943 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.828 | 2833193    | 16.656 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.439 | 2764298    | 16.151 ug/ml  |
| 13) T n-Docosane (C22)         | 14.026 | 2852017    | 16.704 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.129 | 2945982    | 17.282 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.151 | 2951535    | 17.654 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.101 | 3058086    | 18.724 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.989 | 2982799    | 19.629 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.825 | 2501282    | 20.797 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.608 | 1747475    | 20.984 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.348 | 1313689    | 22.373 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.069 | 1114409    | 22.227 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.950 | 1091856    | 21.143 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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